



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/749,998	12/31/2003	David Marmaros	24207-10092	9955
62296	7590	10/11/2007	EXAMINER	
GOOGLE / FENWICK SILICON VALLEY CENTER 801 CALIFORNIA ST. MOUNTAIN VIEW, CA 94041			THAI, HANH B	
			ART UNIT	PAPER NUMBER
			2163	
			MAIL DATE	DELIVERY MODE
			10/11/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No.	Applicant(s)
	10/749,998	MARMAROS ET AL.
	Examiner	Art Unit
	Hanh B. Thai	2163

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) Responsive to communication(s) filed on amendment filed 8/2/07.
- 2a) This action is FINAL. 2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) Claim(s) 1,3-6,8-10,14-25,27-29,31 and 33-51 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) Claim(s) _____ is/are allowed.
- 6) Claim(s) 1, 3-6, 8-10, 14-25, 27-29, 31 and 33-51 is/are rejected.
- 7) Claim(s) _____ is/are objected to.
- 8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on _____ is/are: a) accepted or b) objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) All b) Some * c) None of:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) Notice of References Cited (PTO-892)
 2) Notice of Draftsperson's Patent Drawing Review (PTO-948)
 3) Information Disclosure Statement(s) (PTO/SB/08)
 Paper No(s)/Mail Date _____
- 4) Interview Summary (PTO-413)
 Paper No(s)/Mail Date. _____
- 5) Notice of Informal Patent Application
 6) Other: _____

DETAILED ACTION

1. The following is Final Office Action in response to the amendment filed August 2, 2007. Independent claims 1, 18 and 24 have been amended. Claims 33-51 are newly added. Claims 2, 7, 11-13, 26, 30 and 32 have been cancelled. Claims 1, 3-6, 8-10, 14-25, 27-29, 31 and 33-51 are pending in this application.

Response to Arguments

2. Applicant's arguments regarding "displaying the first and second result sets to the user in the generated user interface of the client device, wherein the first and second result sets are segregated in the user interface" have been considered but not found persuasive.

Gross clearly discloses in Figs. 3A-H a list of search results which are displayed with multiple lines or sentences of results. Multiple lines of the result are equivalent to the claimed "result sets" and are segregated in the user interface as showed in Figs. 3A-H. Furthermore, the claimed language does not require the result sets are displayed in the left or right of the user interface. Therefore, examiner maintains the displaying a list of multiple lines of the result in Gross's Figs.3A-H still read on the claimed limitation of "displaying the first and second result sets to the user in the generated user interface of the client device, wherein the first and second result sets are segregated in the user interface."

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1, 3-6, 8-10, 14-25, 27-29, 31 and 33-51 are rejected under 35 U.S.C. 103(a) as being unpatentable over Holt et al. (US 6,601,061 B1) in view of Gross et al. (US Pub. 2004/0143569 A1).

Regarding claim 1, Holt discloses a method comprising:

- executing a search query on the client device to produce a first result set (Fig. 1-2; col.3, lines 54-67; col.8, lines 12-16 and lines 25-28 and col. 11, lines 25-35, Holt discloses executing a search query on “the special purpose search resource” to produce a first result set);
- receiving on the client device from a remote search system a second result set from a search of a global index, the second result set relevant to the search query (abstract; col.4, lines 26-45; col.5, lines 5-10; col.8, lines 12-16 and lines 25-28 and col. 11, lines 25-35, Holt discloses receiving a search result from “the public search” reads on “a second result set from a global index”); and
- generating on the client device a user interface based on user selection of articles types to be displayed, the user interface including a combined display of the first result set and the second result set (“100”, “106” or “108”, Fig.1, Holt discloses a user interface to display the search results); and
- displaying the first and second result sets to the user in the generated user interface of the client device (Fig.1; col3, lines 56-67; col. 4, lines 45-55 and 11, lines 25-35, Holt discloses a user interface (“100”, “106” or “108”, Fig.1) to display the merging of the special purpose search result and public search result into a combined search result).

Holt, however, does not explicitly disclose generating and storing in a memory of the client device a local index. Gross discloses apparatus and methods for locating data including local index of search target types stored in the user terminal (105, Fig.1; Fig.4C-F; ¶[0013]-[0014]; [0037]-[0039], Gross). It would have been obvious to one of ordinary skill in the art at the time of the invention was made to modify Holt to include searching local index to derive the invention as claimed. The motivation of doing so would have been to provide quick and efficient searches (abstract and ¶[0009], Gross).

Regarding claim 3, Holt/Gross combination discloses wherein executing on the client device a search query further comprises intercepting a search query input at the client device directed to the remote search system (abstract; col.4, lines 26-45; col.5, lines 5-10; col.8, lines 12-16 and lines 25-28 and col. 11, lines 25-35, Holt).

Regarding claims 4 and 25, Holt/Gross combination discloses ranking the combined display of the result sets (col.5, lines 46-56, Holt).

Regarding claim 5, Holt/Gross combination discloses wherein the combined result sets comprises a merged result set (abstract; col. 4, lines 45-55 and 11, lines 25-35, Holt).

Regarding claim 6, Holt/Gross combination discloses wherein the user interface is comprised of a first section for displaying the first result set and a second section for displaying the second result set (Fig.2; col.3, lines 34-53 and col.12, lines 25-28, Holt).

Regarding claims 8 and 27, Holt/Gross combination discloses wherein generating on the client device a user interface including a combined display of the first result set and the second result set comprises: identifying a first article identifier in the first result set; and replacing a

second article identifier in the second result set with the first article (col.6, lines 41-62 and col.9, lines 1-27, Holt).

Regarding claim 14, Holt/Gross combination discloses wherein at least one of the local indices comprises a database storing a plurality of pre-generated results for a plurality of search queries ([0013]-[0014]; [0037]-[0039], Gross).

Regarding claim 15, Holt/Gross combination discloses wherein the article type is text-based files (col.3, lines 4-11, Holt).

Regarding claims 16-17, Holt does not disclose wherein the article type is email or message text derived from a chat application. Holt discloses that special search resources include on-line search sources ([0013]-[0014]; [0037]-[0039], Gross).

Regarding claim 18, Holt discloses a method of providing combined search results on a client device, the method comprising:

- identifying a global query directed to a remote search system comprising a global index (abstract; col.4, lines 26-45; col.5, lines 5-10; col.8, lines 12-16 and lines 25-28 and col. 11, lines 25-35, Holt);
- executing on the client device a local query on the local index, wherein the local query is based at least in part on the global query, the local query producing a first result set (Fig. 1-2; col.3, lines 54-67; col.8, lines 12-16 and lines 25-28 and col. 11, lines 25-35, Holt discloses executing a search query on “the special purpose search resource” to produce a first result set);
- receiving on the client device from a remote search system a second result set from a search of a global index (abstract; col.4, lines 26-45; col.5, lines 5-10;

- col.8, lines 12-16 and lines 25-28 and col. 11, lines 25-35, Holt discloses receiving a search result from "the public search" reads on "a second result set from a global index");
- generating on the client device a user interface based on user selection of articles types to be displayed, the user interface including a combined display of the first result set and the second result set ("100", "106" or "108", Fig.1, Holt discloses a user interface to display the search results); and
 - displaying the combined display of the result sets in the generated user interface (Fig.1; col3, lines 56-67; col. 4, lines 45-55 and 11, lines 25-35, Holt discloses a user interface ("100", "106" or "108", Fig.1) to display the merging of the special purpose search result and public search result into a combined search result).

Holt, however, does not explicitly disclose generating and storing in a memory of the client device a local index. Gross discloses apparatus and methods for locating data including local index of search target types stored in the user terminal (105, Fig.1; Fig.4C-F; ¶[0013]-[0014]; [0037]-[0039], Gross). It would have been obvious to one of ordinary skill in the art at the time of the invention was made to modify Holt to include searching local index to derive the invention as claimed. The motivation of doing so would have been to provide quick and efficient searches (abstract and ¶[0009], Gross). Regarding claim 19, Holt/Gross combination discloses wherein the local query and the global query occur in parallel (col.4, line 66 to col.5, line 10, Holt).

Regarding claim 20, Holt/Gross combination discloses ignoring the result set from the local index if the result set from the local index is not received within a predetermined time after the result set from the global index is received (col.5, lines 34-45, Holt).

Regarding claim 21, Holt/Gross combination discloses wherein creating a combined display of the result sets based at least in part on the result set from the global index and the result set from the local index comprises modifying the result set from the global index (col.6, lines 41-62 and col.7, lines 44-59, Holt).

Regarding claim 22, Holt/Gross combination discloses wherein creating a combined display of result sets based at least in part on the result set from the global index and the result set from the local index comprises creating a new display, wherein the result set from the local index and the result set from the global index are contained in separate sections (Fig.2; col.6, lines 41-62 and col.7, lines 44-59, Holt).

Regarding claim 23, Holt discloses wherein creating a combined display of result sets based at least in part on the result set from the global index and the result set from the local index comprises creating a new display combining the result set from the local index and the result set from the global index (Fig.2; col.6, lines 41-62 and col.7, lines 44-59, Holt).

Regarding claim 24, Holt discloses a computer-readable medium on which is encoded program code for providing combined search results on a client device, the program code comprising:

- program code for executing on the client device a search query on local index to produce a first result set (abstract; col.3, lines 54-67; col.4, lines 26-45; col.5, lines 5-10; col.8, lines 12-16 and lines 25-28 and col. 11, lines 25-35, Holt

- discloses receiving a search result from “the special purpose search resource” to produce a first result);
 - program code for receiving on the client device from a remote search system a second result set from a search of a global index, the second result set relevant to the search query (abstract; col.4, lines 26-45; col.5, lines 5-10; col.8, lines 12-16 and lines 25-28 and col. 11, lines 25-35, Holt discloses receiving a search result from “the public search” reads on “a second result set from a global index”); and
 - program code for generating on the client device a user based on user selection of article types to be displayed, the user interface including a combined display of the first result set and the second result set (“100”, “106” or “108”, Fig.1, Holt discloses a user interface to display the search results and further Holt discloses at the abstract; col. 4, lines 45-55 and 11, lines 25-35, the merging the special purpose search result and public search result into a combined search result).
 - Program code for displaying the first and second result sets to the user in the generated user interface (Fig.1; col3, lines 56-67; col. 4, lines 45-55 and 11, lines 25-35, Holt discloses a user interface (“100”, “106” or “108”, Fig.1) to display the merging of the special purpose search result and public search result into a combined search result)

Holt, however, does not explicitly disclose generating and storing in a memory of the client device a local index. Gross discloses apparatus and methods for locating data

including local index of search target types stored in the user terminal (105, Fig.1; Fig.4C-F; ¶[0013]-[0014]; [0037]-[0039], Gross). It would have been obvious to one of ordinary skill in the art at the time of the invention was made to modify Holt to include searching local index to derive the invention as claimed. The motivation of doing so would have been to provide quick and efficient searches (abstract and ¶[0009], Gross).

Regarding claim 31, Holt/Gross combination discloses wherein the local index is not publicly accessible (col.4, lines 26-45; col.5, lines 5-10; col.8, lines 12-16 and lines 25-28 and col. 11, lines 25-35, Holt).

Regarding claims 9-11 and 28-29, Holt/Gross combination discloses wherein receiving the search query comprises receiving the search query in a proxy server, a browser plug-in or a firewall (server 111, Fig.1 and corresponding text, Gross).

Regarding claims 33-51, Holt/Gross combination discloses the article types (105, Fig.1; Fig.4C-F; ¶[0013]-[0014]; [0037]-[0039] and [0042], Gross)

Conclusion

4. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event,

however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hanh B. Thai whose telephone number is 571-272-4029. The examiner can normally be reached on Mon-Thur (7:00AM - 4:30 PM).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Don Wong can be reached on 571-272-1834. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Hanh B Thai
Examiner
Art Unit 2163

October 4, 2007



DON WONG
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100